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COPY OF PAPERS
ORIGINALLY FILED

Atty. Docket No.: 25436/2155 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hogrefe, et al.
Serial No.: 10/079,241
Filed: February 20, 2002
Entitled: "High Fidelity DNA Polymerase Compositions and Uses Thereof"

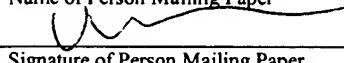
Examiner: Not Yet Assigned
Group Art Unit: 1645
Conf. No.: 7186

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing Paper


Signature of Person Mailing Paper

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Commissioner for Patents
Washington, D.C. 20231

JUL 08 2002

PRELIMINARY AMENDMENT

TECH CENTER 1600/2900

Sir:

This paper is supplemental to our filing of February 20, 2002. Applicants believe that no fee is due with this filing; however, please charge any necessary fees required in connection with the paper transmitted herewith to Deposit Account No. 16-0085, Reference No.: 25436/2155.

AMENDMENT

In The Claims

Please add the following new claims:

~~36. (New) An isolated mutant DNA polymerase comprising a reduced DNA polymerization activity.~~

~~37. (New) An isolated mutant DNA polymerase comprising a 3'-5' exonuclease activity and a reduced DNA polymerization activity.~~

~~38. (New) The mutant DNA polymerase of claim 36 or 37, wherein said mutant DNA polymerase comprises a mutation in the partitioning domain or in the polymerase domain.~~

~~39. (New) The mutant DNA polymerase of claim 37, wherein said mutant DNA polymerase is a mutant Pfu DNA polymerase.~~

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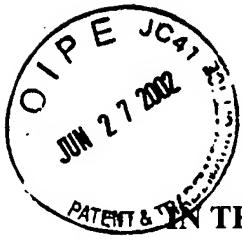
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02 FC:202

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164581



Atty. Docket No.: 25436/2155

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

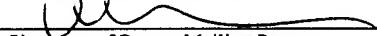
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Commissioner for Patents
Washington, D.C. 20231

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TRANSMITTAL LETTER

TECH CENTER 1600/2900

Enclosed for filing the above-identified patent application, please find the following documents:

1. Preliminary Amendment
2. Amendment Transmittal Letter;
3. Check in the amount of \$468.00 for requisite fees; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference 25436/2155. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: June 20, 2002


Name: Kathleen M. Williams
Registration No.: 34,380
Customer No.: 27495
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Hogrefe, et al. •
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Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT TRANSMITTAL LETTER

Sir:

1. Transmitted herewith is a preliminary amendment to be filed in the above-referenced patent application.

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JUL 08 2002

TECH CENTER 1600/2900

STATUS

2. Applicant is

a small entity.
 other than small entity.

EXTENSION OF TIME

3. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

Applicant petitions for an extension of time under 37 CFR 1.136

Extension (months)	Fee for other than <u>small entity</u>	Fee for <u>small entity</u>
<input type="checkbox"/> ONE month	\$110.00	\$55.00
<input type="checkbox"/> TWO months	\$400.00	\$200.00
<input type="checkbox"/> THREE months	\$920.00	\$460.00
<input type="checkbox"/> FOUR months	\$1,440.00	\$720.00
<input type="checkbox"/> FIVE months	\$1,960.00	\$980.00
	Fee	\$

If an additional extension of time is required, please consider this a petition therefor.

(a) An extension for has already been secured and the fee paid therefor of \$ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$

OR

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(b) Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

CLAIMS AS AMENDED		(1)	(2)	(3)			
	CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	77	minus		53	24	<input checked="" type="checkbox"/> \$18	432.00
INDEPENDENT CLAIMS	15	minus		9	6	<input checked="" type="checkbox"/> \$84	504.00
MULTIPLE DEPENDENT CLAIM ADDED	No					\$280	
					TOTAL	\$936.00	
	If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2 and enter amount here.				SMALL ENTITY TOTAL	\$468.00	

(c) No additional fee for claims is required.

OR

(d) Total additional fee for claims required \$468.00

FEE PAYMENT

5. Attached is a check in the sum of \$468.00

Charge Deposit Account No. 16-0085, Reference No. 25436/1565 any additional necessary fees.

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Charge the amount of \$ _____ to Deposit Account No. 16-0085, Reference No. _____ and any additional necessary fees. A duplicate of this transmittal is attached.

Respectfully submitted



Name: Kathleen M. Williams
Registration. No.: 34,380
Customer No.: 27495
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100

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